



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D407-558-045
Job Sheet 175203



Part No: D407-558-045

Job Qty: 1 ea

Part Name: Single Mirror Installation



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/29/18

Job Tracking No:

Due Date: 4/6/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV D IPP Rev:A 09-01-15 new issue DD verified by:ec IPP Rev:B 10.06.17 added grommet DD
verf:EC IPP REV:C 11.01.19 AS PER chg002 DD VERF:EC IPP REV:D 12.04.04 AS PER chg003 DD
VERF:EC

Ship Via:

DAS
10
9-89

chg003

DAS
21
9-89

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		4/5/18	0.00	0.00	Start Up Small Fab-4		FF
110	Small Fab	1 pcs		4/6/18	0.00	1.01	Small Fab-5		FF-DAS
120	QC	1 pcs		4/6/18	0.00	0.00	QC5		38
125	Packaging	1 pcs		4/6/18	0.00	0.00	Packaging1-4		APR 11 2018
130	QC	1 pcs		4/6/18	0.00	0.00	QC4		9-89
135	DC	1 pcs		4/6/18	0.00	0.00	DC		Smb
140	Packaging	1 pcs		4/6/18	0.00	0.00	Packaging3-2		Smb
150	QC21-FG	1 Ea		4/6/18	0.00	0.00	QC21		fgon

DAS
21
9-89

APR 12 2018



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Container No: S059863



Part: D407-558-045

Job No: 175203

Serial No/Batch: S059863

Revision:

Inspector:

Date: 04/11/18

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2011-101	Mirror 6"	1 Ea (1 ea)	90-Start up Operation	B160663
D2052	Bracket	2 Ea (2 ea)	90-Start up Operation	F162630
D2054	Bushing - Delrin	2 Ea (2 ea)	90-Start up Operation	F155531
D2055	Clamp	1 Ea (1 ea)	90-Start up Operation	S010488
D2056	Bell Crank Assembly	1 Ea (1 ea)	90-Start up Operation	S020962
D2057	Plug	1 Ea (1 ea)	90-Start up Operation	F152226
D2065	Mirror Arm	1 Ea (1 ea)	90-Start up Operation	F161746
MS21042L3	Nut	2 Ea (2 ea)	90-Start up Operation	S038764
MS27039-1-18	Screw	2 Ea (2 ea)	90-Start up Operation	F123522
MS35489-67	Grommet	1 Ea (1 ea)	90-Start up Operation	F121600
MS35489-9	Grommet	1 Ea (1 ea)	90-Start up Operation	F121600
NAS1149D0363J	Washer	4 Ea (4 ea)	90-Start up Operation	S015269
AN3-4A	Bolt	4 Ea (4 ea)	125-Packaging	S019388
AN526-1032R9	Screw	4 Ea (4 ea)	125-Packaging	F137736
D2053	Bracket	1 Ea (1 ea)	125-Packaging	F108812
D2067	Connector	1 Ea (1 ea)	125-Packaging	F105444
D2071-5	Cable	1 Ea (1 ea)	125-Packaging	F154862
D3778-3	Bracket	1 Ea (1 ea)	125-Packaging	S038764
MS21042L3	Nut	1 Ea (1 ea)	125-Packaging	S038764
MS21919-DG5	Clamp	2 Ea (2 ea)	125-Packaging	S0194154
NAS1149D0332J	Washer	6 Ea (6 ea)	125-Packaging	S030605

F121600
E1113604

F147811

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2011-101	1	50	0
	D2052	2	23	0
	D2054	2	39	0
	D2055	1	14	0
	D2056	1	10	0
	D2057	1	21	0
	D2065	1	5	0
	MS21042L3	2	2,805	0
	MS27039-1-18	2	1,359	0
	MS35489-67	1	32	0
	MS35489-9	1	41	0
	NAS1149D0363J	4	3,029	0
	AN3-4A	4	126	0
	AN526-1032R9	4	96	0
125-Packaging	D2053	1	13	0
	D2067	1	6	0
	D2071-5	1	6	0
	D3778-3	1	4	0
	MS21042L3	1	2,805	0
	MS21919-DG5	2	40	0
	NAS1149D0332J	6	3,392	0

Part Specifications

Specifications could not be found.



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002418	S060017	AN3-4A	Bolt	S019388	ST350	4
002418	S060016	AN526-1032R9	Screw	FM137736-4	ST327	4
002418	S060015	D2053	Bracket	F108842	ST001	1
002418	S060014	D2067	Connector	F105444	ST001	1
002418	S060013	D2071-5	Cable	F154862	ST216	1
002418	S060018	D3778-3	Bracket	F145811	ST051	1
002418	S060012	MS21042L3	Nut	S038764	ST303	2
002418	S060005	MS21919-DG5	Clamp	S049454	ST294	2
002418	S060010	MS35489-67	Grommet	F121600	ST269	1
002418	S060009	MS35489-9	Grommet	FM136044	ST270	1
002418	S060004	NAS1149D0332J	Washer	S020606	ST264	6

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

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Change Record

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Part Number: D407-558-045

Description: SINGLE MIRROR INSTALLATION[illegible]

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 206A/B/L/L1/L3/L4	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D206-558-043	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 206A/B/L/L1/L3/L4	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg
D407-558-045	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 407	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D407-558-047	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 407	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg

5.0 PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052**	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054**	BUSHING
1	1	1	1	D2055**	CLAMP
1	1	1	1	D2056**	BELLCRANK ASSEMBLY
1		1		D2057	PLUG
1		1		D2065	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-5	CABLE ASSEMBLY
1	2	1	2	D3014-1*	LOCKNUT
1	1			D3778-1	BRACKET
		1	1	D3778-3	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	NAS1149D0416P*	WASHER (AN960JD416L)
4	4	4	4	NAS1149D0363P**	WASHER (AN960JD10)
6	6	6	6	NAS1149D0332P	WASHER (AN960JD10L)
3	1	3	1	MS21042-3	NUT (or MS21042L3)
	2		2	MS21042-3**	NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18**	SCREW
1	1	1	1	MS35489-9	GROMMET
1	1	1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

** INCLUDED AS PART OF D2066 ARM (REF. -043/-047 ONLY)

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Revision: D

Date: 14.08.08